



353498

## MEMORANDUM

DATE: October 27, 1977

TO: Paul Schmierbach, Manager, Permit Section

FROM: R. K. Chaturvedi, Environmental Protection Engineer, Permit Section *RKC*

SUBJECT: Reply To Jim Harm's Memo Of October 12, 1977, to Miles Zamco On Drekker Chemical Company Investigation (ID# 099055AAG)

A check was made to see if the raw materials used to manufacture agricultural pesticides and herbicides by Drekker Chemical Company are photochemical reactive or not. It was found that all the raw materials with the exception of white oil have some degree of unsaturation. The vapor pressures of all the organic chemicals are very low, and therefore it is expected that the hydrocarbon emissions during mixing operation would be lower than 8 pounds per hour as allowed under Rule 205(f). The only problem could of high toxicity and odor. For example, Phorate is highly toxic material (by skin contact, inhalation or swallowing). Malathion and Methoxychlor are considered moderately toxic, while Trifluralin and Benefin have low toxicity.

RKC:bls/874/10

cc: John Reed  
J. E. Harms  
M.A. Zamco ✓